

## Coating of cooled devices

### Abstract

The invention relates to a structural component for a device for the treatment of melts, especially of glass melts;

- with a base body of metal or of a metal alloy;
- with a cooling system in which a cooling medium is led through the structural component for the leading-off of heat;
- the base body is provided with a coating of a material the decomposition temperature of which lies below the temperature of the melt;
- the cooling system is designed and arranged in such manner that the temperature of the boundary layer of the melt that immediately surrounds the structural component lies below the decomposition temperature of the coating material.